

Title (en)

ULTRASOUND IMAGE PROCESSING APPARATUS AND ULTRASOUND DIAGNOSTIC APPARATUS

Title (de)

ULTRASCHALLBILDBEARBEITUNGSVORRICHTUNG UND ULTRASCHALLDIAGNOSEGERÄT

Title (fr)

DISPOSITIF DE TRAITEMENT D'IMAGES ULTRASONORES ET DISPOSITIF DE DIAGNOSTIC ULTRASONORE

Publication

EP 2070480 B1 20150304 (EN)

Application

EP 06811117 A 20061003

Priority

JP 2006319769 W 20061003

Abstract (en)

[origin: EP2070480A1] An ultrasound image processing apparatus includes first and second connecting portions to which first and second ultrasound probes are removably connected, the probes including first and second ultrasound transducers driven by first and second different ultrasound scanning systems respectively. The ultrasound image processing apparatus also includes an ultrasound image signal processing circuit that performs signal processings for generating first and second ultrasound images corresponding to the first and second ultrasound scanning systems from ultrasound signals received by the first and second ultrasound transducers.

IPC 8 full level

A61B 1/00 (2006.01); **A61B 8/12** (2006.01)

CPC (source: EP US)

A61B 8/12 (2013.01 - EP US); **A61B 8/145** (2013.01 - EP US); **A61B 8/4461** (2013.01 - EP US); **A61B 8/4477** (2013.01 - EP US); **A61B 8/4483** (2013.01 - EP US); **A61B 8/4488** (2013.01 - EP US); **A61B 8/463** (2013.01 - EP US); **A61B 8/445** (2013.01 - EP US)

Citation (examination)

US 4869256 A 19890926 - KANNO MASAhide [JP], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2070480 A1 20090617; **EP 2070480 A4 20121121**; **EP 2070480 B1 20150304**; CN 101516271 A 20090826; CN 101516271 B 20110817; US 2009187105 A1 20090723; US 8211021 B2 20120703; WO 2008041323 A1 20080410

DOCDB simple family (application)

EP 06811117 A 20061003; CN 200680056018 A 20061003; JP 2006319769 W 20061003; US 41641309 A 20090401